## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: LAND GRID ARRAY (LGA) PAD REPAIR STRUCTURE AND METHOD the specification of which: (check one)					
	is attached hereto.				
	□ was filed on	, as Application	Serial Noand	I was amended on	
I her				cluding the claims, as amended by any	
I ack Regu	nowledge the duty to disclose plations, § 1.56.	information which is material to	the patentability of this application in ac-	cordance with Title 37, Code of Federal	
appli	cation on which priority is cla	ied below any foreign applicati imed:	es Code, § 119 of any foreign application for patent or inventor's certificate	on(s) for patent or inventor's certificate having a filing date before that of the	
Part Property	Prior Foreign Application(s)				
	Number	Country	Day/Month/Year	Priority Claimed	
hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:					
e i	Prior U.S. Applications:				
S S	erial No.	Filing Date	Status		
to be or im	true; and further that these sta	tements were made with the kno ction 1001 of Title 18 of the Unit	ige are true and that all statements made wledge that willful false statements and ed States Code and that such willful false	the like so made are nunishable by fine	
and 1 29,89 38,25 No. 2 Chris	Trademark Office connected to the connected to the control of the	herewith: Joseph P. Abate (Reg. 33,086), T. Rao Coca (Reg. 18,253), Margaret A. Pepper (Reg. Inn (Reg. No. 35,791), William (Reg. No. 40,791), Edward A. Pennington (6,914), Edward A. Pen	d/or agents to prosecute this application of No. 30,238), Jay Anderson (Reg. No. 29,784), Harold Huberfeld (Reg. 1g. No. 45,008), Eric W. Petraske (Reg. 1n P. Skladony (Reg. No. 33,787), Til Reg. No. 32,588), John E. Hoel (Reg. 1g. 20,588), Comparison of No. 36,786), Til Reg. No. 32,588), John E. Hoel (Reg. 1g. 20,588), John E. Hoel (Reg. 1g. 20,58	o. 38,371), Ira D. Blecker (Reg. No. No. 26,665), Suan Murray (Reg. No. No. 28,459), Marc D. Schechter (Reg. ffany Townsend, (Reg. No. 43,199), No. 26,279), Joseph C. Bedmond, Jr.	
Send	all correspondence to: McGir	n & Gibb, PLLC, 8321 Old C	Courthouse Rd. Suite 200, Vienna, V	A 22182. Customer No. 21254	
Telephone calls should be directed to Sean M. McGinn, McGinn & Gibb, PLLC at (703) 761-4100.					
(1)	Inventor: Bruce J. Cham	ıberlin			
	Signature:		Da	ate:	
	Residence: 337 Kane Dr				
	Citizenship: United State	es of America			

(2)	Inventor: Mark Kenneth Hoffmeyer	Date: 4/25 /0 1
	Signature:	Date:
	Residence: 2905 Shadow Drive SE, Rochester, Minnesota 55904	
	Citizenship: United States of America	
	Post Office Address: Same as Residence	
(3)	Inventor: Wai Mon Ma	
	Signature:	Date:
	Residence: 19 Coachlight Drive, Poughkeepsie, NY 12603	
	Citizenship: United States of America	
	Post Office Address: Same as Residence	
[5] . = 5(4)	Inventor: Arch F. Nuttall, III	
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8 <i>44)</i> 8 85	Signature:	Date:
the control of the co	Residence: 94 Roosevelt Road, Hyde Park, NY 12538	
	Citizenship: United States of America	
	Post Office Address: Same as Residence	
\$1		
(5)	Inventor: James R. Stack	
ine.	Signature:	Date:
The lates of the l	Residence: 605 Zimmer Avenue, Endicott, NY 13760	
	Citizenship: United States of America	
*	Post Office Address: Same as Residence	

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My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: LAND GRID ARRAY (LGA) PAD REPAIR STRUCTURE AND METHOD the specification of which: (check one)						
	is attached hereto.	ag Application Carial 1	Ma	and		
	□ was filed on	, as Application Serial 1	NO	and w	vas amended on _	·
•	state that I have reviewed and un int referred to above.	nderstand the contents of the ab	ove identified spe	ecification, inclu	iding the claims,	as amended by any
	edge the duty to disclose informans, § 1.56.	tion which is material to the pate	ntability of this ap	plication in acco	rdance with Title	37, Code of Federal
tisted belo applicatio	claim foreign priority benefits uno ow and have also identified belo n on which priority is claimed:					
Ti Pric	or Foreign Application(s):					
Nur	mber	Country	Day/Monti	h/Year	Priority Clain	ned
Thereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:  Prior U.S. Applications:						
Serial	No.	Filing Date	St	atus		
Thereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Joseph P. Abate (Reg. No. 30,238), Jay Anderson (Reg. No. 38,371), Ira D. Blecker (Reg. No. 29,894), Steven Capella (Reg. No. 33,086), T. Rao Coca (Reg. No. 29,784), Harold Huberfeld (Reg. No. 26,665), Suan Murray (Reg. No. 38,252), Daryl K. Neff (Reg. No. 38,253), Margaret A. Pepper (Reg. No. 45,008), Eric W. Petraske (Reg. No. 28,459), Marc D. Schechter (Reg. No. 28,989), H. Daniel Schnurmann (Reg. No. 35,791), William P. Skladony (Reg. No. 33,787), Tiffany Townsend, (Reg. No. 43,199), Christopher A. Hughes (Reg. No. 26,914), Edward A. Pennington (Reg. No. 32,588), John E. Hoel (Reg. No. 26,279), Joseph C. Redmond, Jr., (Reg. No. 18,753), Sean M. McGinn, (Reg. No. 34, 386), and Frederick E. Cooperrider, (Reg. No. 36,769).						
Send all correspondence to: McGinn & Gibb, PLLC, 8321 Old Courthouse Rd. Suite 200, Vienna, VA 22182. Customer No. 21254						
Telephon	e calls should be directed to Sear	M. McGinn, McGinn & Gibb,	PLLC at (703) 7	61-4100.		
						_
(1)	Inventor: Bruce J. Chamberlin Signature: Buccl Residence: 337 Kane Drive, V. Citizenship: United States of A		4/24	<i> O↓</i> Dai	te:	

(2)	Inventor: Mark Kenneth Hoffmeyer	
	Signature:	Date:
	Residence: 2905 Shadow Drive SE, Rochester, Minnesota 55904	
	Citizenship: United States of America	
	Post Office Address: Same as Residence	
(3)	Inventor: Wai Mon Ma	
	Signature:	Date:
	Residence: 19 Coachlight Drive, Poughkeepsie, NY 12603	
	Citizenship: United States of America	
	Post Office Address: Same as Residence	
And the state of t	Inventor: Arch F. Nuttall, III	
174	Signature:	Date:
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Residence: 94 Roosevelt Road, Hyde Park, NY 12538	
Marie Marie	Citizenship: United States of America	
	Post Office Address: Same as Residence	
The Hole was the series of the Hole was the	Inventor: James R. Stack Signature:	Date: 4/24/01
	Residence, 605 Zimmer Avenue, Endicott, NY 13760	77 7
	Citizenship: .United States of America	
	Post Office Address: Same as Residence	

## **DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

one nai which a	me is listed below) or an origonal patent is sought on the investigation of which:	ginal, first and joint inventor (if p		original, first and sole inventor (if only subject matter which is claimed and for FURE AND METHOD
	⊠ is attached hereto.	as Application 5	Serial No and	l was amended on
	y state that I have reviewed nent referred to above.	and understand the contents of	the above identified specification, in	cluding the claims, as amended by any
	wledge the duty to disclose intons, § 1.56.	nformation which is material to the	ne patentability of this application in ac	cordance with Title 37, Code of Federa
listed b applica		ed below any foreign application imed:		on(s) for patent or inventor's certificate having a filing date before that of the
F8	lumber	Country	Day/Month/Year	Priority Claimed
I hereb matter of Title	of each of the claims of this 35, United States Code, § 1	application is not disclosed in the 12, I acknowledge the duty to disc	prior United States application in the	listed below and, insofar as the subject manner provided by the first paragraph in Title 37, Code of Federal Regulations and filing date of this application:
terif	ior U.S. Applications:			
Ser	ial No.	Filing Date	Status	
to be tr or impi	ue; and further that these sta	tements were made with the know ction 1001 of Title 18 of the Unite	vledge that willful false statements and	le on information and belief are believe If the like so made are punishable by fin- te statements may jeopardize the validity
and Tr 29,894 38,252 No. 28 Christo	ademark Office connected to the connecte	herewith: Joseph P. Abate (Reg. 33,086), T. Rao Coca (Reg. N 3,253), Margaret A. Pepper (Reg. nn (Reg. No. 35,791), William (6,914), Edward A. Pennington (I	No. 30,238), Jay Anderson (Reg. 1 (o. 29,784), Harold Huberfeld (Reg. No. 45,008), Eric W. Petraske (Reg. P. Skladony (Reg. No. 33,787), T	n and transact all business in the Paten No. 38,371), Ira D. Blecker (Reg. No No. 26,665), Suan Murray (Reg. No. No. 28,459), Marc D. Schechter (Reg iffany Townsend, (Reg. No. 43,199), No. 26,279), Joseph C. Redmond, Jr., 769).
Send al	ll correspondence to: McGir	ın & Gibb, PLLC, 8321 Old C	ourthouse Rd. Suite 200, Vienna, V	/A 22182. Customer No. 21254
Teleph	one calls should be directed	to Sean M. McGinn, McGinn &	Gibb, PLLC at (703) 761-4100.	
(1)	Inventor: Bruce J. Chan	aberlin		
	Signature:		I	Date:
	Residence: 337 Kane Di	rive, Vestal, NY 13850		
	Citizenship: United State	es of America		

(2)	Inventor: Mark Kenneth Hoffmeyer				
	Signature:	Date:			
	Residence: 2905 Shadow Drive SE, Rochester, Minnesota 55904				
	Citizenship: United States of America				
	Post Office Address: Same as Residence				
(3)	Inventor: Wai Mon Ma				
	Signature:	Date:			
	Residence: 19 Coachlight Drive, Poughkeepsie, NY 12603				
	Citizenship: United States of America				
	Post Office Address: Same as Residence				
The state of the s	Inventor: Arch F. Nuttall, III Signature: Man F. Nuttael, TIT	5.2-81			
	Residence: 94 Roosevelt Road, Hyde Park, NY 12538	Date: 5 2 0 ,			
	Citizenship: United States of America				
	Post Office Address: Same as Residence				
The state of the s	Inventor: James R. Stack				
	Signature:	Date:			
	Residence: 605 Zimmer Avenue, Endicott, NY 13760				
	Citizenship: United States of America				
	Post Office Address: Same as Residence				

## **DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

one name which a p	is listed below) or an original, patent is sought on the invention fication of which:	first and joint inventor (if pl	ural names are listed below) of	am the original, first and sole inventor (if only of the subject matter which is claimed and for RUCTURE AND METHOD
	<ul><li>is attached hereto.</li><li>□ was filed on</li></ul>	as Application Se	erial No	and was amended on .
•				on, including the claims, as amended by an
	ledge the duty to disclose informations, § 1.56.	nation which is material to the	patentability of this application	n in accordance with Title 37, Code of Feder
listed bel		low any foreign application		plication(s) for patent or inventor's certificatificate having a filing date before that of the
D Prio	or Foreign Application(s):			
ji Nu	mber	Country	Day/Month/Year	Priority Claimed
matter of of Title 3	each of the claims of this applic 5, United States Code, § 112, I a	cation is not disclosed in the packnowledge the duty to discl	prior United States application lose material information as de	tion(s) listed below and, insofar as the subje in the manner provided by the first paragrap fined in Title 37, Code of Federal Regulation rnational filing date of this application:
Prior	U.S. Applications:			
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As a nar and Trad 29,894), 38,252), No. 28,9 Christopl	emark Office connected therew Steven Capella (Reg. No. 33,0 Daryl K. Neff (Reg. No. 38,253, 189), H. Daniel Schnurmann (1	vith: Joseph P. Abate (Reg. 186), T. Rao Coca (Reg. No.), Margaret A. Pepper (Reg. Reg. No. 35,791), William (P. Edward A. Pennington (R	No. 30,238), Jay Anderson (b. 29,784), Harold Huberfeld No. 45,008), Eric W. Petraske P. Skladony (Reg. No. 33,7 eg. No. 32,588), John E. Hoel	olication and transact all business in the Pate Reg. No. 38,371), Ira D. Blecker (Reg. No. (Reg. No. 26,665), Suan Murray (Reg. No. (Reg. No. 28,459), Marc D. Schechter (Reg. 87), Tiffany Townsend, (Reg. No. 43,199) (Reg. No. 26,279), Joseph C. Redmond, Jr. No. 36,769).
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Telephon	ne calls should be directed to Se	an M. McGinn, McGinn &	Gibb, PLLC at (703) 761-410	0.
(1)	Inventor: Bruce J. Chamberli	in		
	Signature:			Date:
	Residence: 337 Kane Drive,	Vestal, NY 13850		
	Citizenship: United States of	America		

(2)	Inventor: Mark Kenneth Hoffmeyer	
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	Residence: 2905 Shadow Drive SE, Rochester, Minnesota 55904	
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	Residence: 19 Coachlight Drive, Poughkeepsie, NY 12603	7 7
	Citizenship: United States of America	
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= (4)	Inventor: Arch F. Nuttall, III	
	Signature:	
And Mark	Residence: 94 Roosevelt Road, Hyde Park, NY 12538	
·Ľ	Citizenship: United States of America	
The state of the s	Post Office Address: Same as Residence	
	Inventor: James R. Stack	
William .	Signature:	Date:
	Residence: 605 Zimmer Avenue, Endicott, NY 13760	
	Citizenship: United States of America	
ਜ ' '	Post Office Address: Same as Residence	